

# **Statement of Work for Pumping Services at Davis-Monthan Air Force Base Oil Water Separators**

## **1.0 SCOPE OF WORK**

The Contractor shall furnish all labor, supervision, tools, materials, supplies, equipment and transportation necessary for servicing the oil/water separator (OWS) facilities at the various buildings depicted as having oil/water separators in Table 1. Contractor shall obtain a representative sample each phase in each separator (i.e., oil, water, and sludge), have the samples analyzed by a laboratory certified by Arizona for the parameters detailed in Section 3.0, and pump and clean the oil/water separators which are not regulated under the Resource Conservation and Recovery Act (RCRA) (as determined by the Government based upon the test results). Laboratory results shall be submitted to the Contracting Officer (CO) for evaluation prior to pumping and cleaning. The CO will notify contractor whether to proceed within 72 hours of test result submittal. After approval to proceed, contractor shall advise Government when each OWS can be pumped and cleaned. The government will limit inflow to the separators during the time the cleaning is being performed, and the CO must be informed of any deviation from the schedule in order to reduce the impact to ongoing workplace operations. The Contractor shall provide for the proper pumping and transfer of the resulting waste materials which are to be disposed of. The work shall include characterization (sampling and analysis), pumping, containerization of the OWS contents, disposal and/or recycling of waste materials, cleaning of oil/water separators (to include sandtraps, separator chambers, holding tanks and any internal piping, but excluding trenches and piping leading to and from the OWS system), laboratory report preparation, shipping manifests/disposal documents, and any other work required for environmental compliance. The Contractor shall perform to all standards in this contract which shall be in strict accordance with all local, county, state and Federal regulations.

## **2.0 PERSONNEL**

All personnel performing the tasks required in this contract shall be knowledgeable and experienced in laboratory sampling and preservation techniques per ASTM sampling techniques and EPA SW-846 for sample containers, holding time, temperature, and analytical methods, and properly emptying and cleaning oil/water separators as specified herein. Certifications shall be maintained up to date and valid at all times. Certification records shall be maintained on file and readily available for Contracting Officer review on request.

**3.0 SPECIFIC TASKS:** The contractor shall provide sampling and testing of the oil, sludges and water in each OWS as called for by the Government using the specified EPA methods:

Volatile organics (SW-8260A) to include at a minimum:

1,1,1-trichloroethane, 1,1,2- trichloroethane, tetrachloroethylene, trichloroethylene, methylene chloride, carbon tetrachloride, chloroform, chlorobenzene, methyl ethyl ketone, acetone, toluene, xylene, ethylbenzene, and benzene

Mercury (SW-7470A) using a TCLP extraction (SW-1311)

Arsenic, barium, cadmium, chromium, lead, selenium, and silver (SW-6010A) using a TCLP extraction (SW-1311)

Flashpoint (SW-1010)

pH (SW-9045B)

Total Petroleum Hydrocarbons (418.1AZ - Arizona Dept of Health Services method).  
When results indicate the OWS contains no hazardous wastes regulated by RCRA, and Contracting Officer so directs, the OWS shall be pumped and cleaned with all material removed, recycled and disposed as appropriate and in compliance with all local, county, state, and Federal regulations. Contents of OWS must be removed so they are visibly empty with all liquids and sludges removed to allow for the Government to inspect the integrity of the separator (e.g., check for cracks, etc.). Steam-cleaning or mechanical scrubbing is not required unless it is necessary to expose the bottom and sides of the separator chambers or tanks. Contractor must inform the CO of when the cleaning for each OWS will be completed so the Government can inspect the OWS before resuming its use.

#### 4.0 SUBMITTALS

The following documents will be submitted to the CO as they become available:  
Copies of the laboratory analytical report and sample chain-of-custody document for each sample  
Manifests for waste shipments.

TECHNICAL EXHIBIT 1  
DMAFB Oil Water Separator Summary

FACILITY		OIL/WATER SEPARATOR	
Number	Description	Volume Gallons	
1	72	Vehicle Maintenance	1,300
2	74	Security Communications	2,000
3	82	Vehicle Wash Rack	600
4	85	OMEGA ONE Wash Rack	350
5	100	Locomotive Maintenance	750
6	125	AGE Maintenance & Repair	180
7	133	Engine Shop	180
8	224	Test Cell	1,000
9	226	Test Cell	400
10	1360	Vehicle Wash Rack	800
11	1446	C-130 Maintenance	460
12	1632	Engine/Propulsion	487
13	1711	Air National Guard	750
14	1750	Maintenance Hangar	3,000
15	2513	Service Station	162
16	4705	Vehicle Maintenance	1,300
17	4710	Armament	1,900
18	4712	AGE Shop	1,300
19	4809	A-10 Maintenance	1,000
20	4812	Refueling & Vehicle Maint.	290
21	4815	AGE Maintenance & Repair	1,000
22	4821	Fire Station	225
23	4823	Fire Truck Maintenance	225
24	5245	Propulsion	170
25	5245	Propulsion	550
26	5251	Aircraft Maintenance	750
27	5255	Structural Maintenance (Corrosion Control)	3,000
28	5422	Aircraft Washing	2,000
29	5430	Hangar Bay 1	350
30	5500	Electronic warfare System	750
31	5607	Repair & Reclamation	3,000
32	7448	Processing In/Preservation	2,500
33	7506	Aircraft Receiving	1,250